

[0044] Figures 5A to 5C show the connection process in 3 time situations (A, B, C). The diagrams in particular show shaped parts 2 and 3 as well as connector 9.

[0045] In the first of the three situations (Figure 5A) the connector 9 is inserted into the guide shaft 8 so that it is positioned at a point shortly before a locking latch 19.

[0046] In the second time situation (Figure 5B) this locking latch 19 is already slightly raised by the connector 9.

[0047] In the third time situation (Figure 5C) the connector 9 is engaged in the locking latch 19 and thereby retained.

[0048] By raising an edge 20 the locking latch 19 can be raised manually, so that the connector 9 can be released from the locking latch 19. In this way the connector 9 can be removed again from the guide shaft 8.

[0049] During the three time situations above the large-surface contact areas 15 are contacted by the contact springs 5 (not shown in greater detail in Figures 5A to 5C).

[0050] While the invention has been described with reference to one or more exemplary embodiments, it will be understood by those skilled in the art that various changes may be made and equivalents may be substituted for elements thereof without departing from the scope of the invention. In addition, many modifications may be made to adapt a particular situation or material to the teachings of the invention without departing from the essential scope thereof. Therefore, it is intended that the invention not be limited to the particular embodiments disclosed as the best mode contemplated for carrying out this invention, but that the invention will include all embodiments falling within the scope of the appended claims.